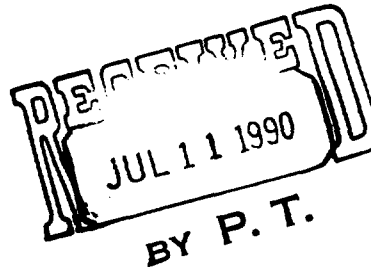


**Patterson Schafer, Incorporated**



Environmental  
Consultants

July 5, 1990



Mr. George Schillinger  
Plant Manager  
American Bottoms Regional Wastewater  
Treatment Facility  
1 American Bottoms Road  
Sauget, Illinois 62201

Dear Mr. Schillinger:

Per compliance with the Village of Sauget POTW permit No. 108, issued June 12, 1990, enclosed please find the May, 1990 monitoring report for Cerro Copper Products Co. Sauget, Illinois. The field sampling was performed during a 24-hour period on May 17-18, 1990.

Please call if you have any questions.

Cordially,

Carl J. Schafer

cc: Paul Tandler  
Joe Grana  
Susan Franzetti

CJS/gv

Enclosure

880060.1

C05182

# Monitoring Report - May, 1990

Sampling Date: May 17-18, 1990

Sample Location	East Outfall	West Outfall
24-hour Flow (gal)*	111,709	180,865
Pollutant Concentration (mg/L) 24-hour Composite		
Chromium	<0.05	<0.05
Copper	1.1	3.1
Lead	0.35	0.25
Mercury	0.0015	0.0002
Nickel	2.7	0.05
Zinc	0.24	0.38
Individual Grab		
Cyanide	<0.05 <0.05 <0.05 <0.05	<0.05 <0.05 <0.05 <0.05
Oil and Grease	610 600 500 560	11 8 8 9
Phenol	0.02 0.01 0.13 0.02	<0.01 <0.01 <0.01 <0.01
Total Toxic Organics	0.064 0.036 0.046 0.035	4.045 3.952 3.544 0.419

\* Maximum and average daily flows are obtained by the Village of Sauget.